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1. (currently amended) An electric motor (1) comprising a casing (2) in which there is a stator and a rotor (3) mounted on a shaft (4), the casing (2) comprising a cup-shaped part (5) and a lid (6) connected to one another with removable connecting devices, and a static seal (7) inserted between the cup-shaped part (5) and the lid (6), the seal presenting an O-ring seal positioned in a seat (10) in the lid (6) or in the cup-shaped part (5), the electric motor being characterised in that the seal (7) comprises and also comprising retaining means (8) so that it remains applied to one of the elements, either the lid (6) or the cup-shaped part (5); the electric motor being characterised in that the seal (7) retaining means (8) are rings (11) each of that connected to the seal (7) by two sections (12).

2. (cancelled)

3. (cancelled)

4. (original) The electric motor (1) according to any of the foregoing claims, characterised in that the seal (7) retaining means (8) operate in conjunction with fixing means (9) present in the lid (6) or in the cup-shaped part (5).

5. (original) The electric motor (1) according to claim 4, characterised in that the fixing means (9) are pins (15) which have a diameter slightly larger than that of the ring (11) internal hole, so that the ring adheres to the pin (15) thanks

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to the elasticity of the material used to make the ring (11). 6.

6. (original) The electric motor (1) according to claim 4, characterised in that the fixing means (9) are pins (15) which have a truncated cone profile or a circumferential cavity with a diameter slightly larger than that of the ring (11) internal hole, so that the ring adheres to the pin (15) thanks to the elasticity of the material used to make the ring (11).

7. (original) The electric motor (1) according to claim 4, characterised in that the rings (11) are close to the devices connecting the cup-shaped part (5) and the lid (6), the latter respectively having protrusions (13, 14) in which the connecting devices, the rings (11) and the pins (15) are located.

8. (currently amended) The electric motor (1) according to ~~any of the foregoing claims, claim 1,~~ characterised in that the rings (11) are integral with the seal (7) and are made of the same elastomeric material.

9. (currently amended) The electric motor (1) according to ~~any of the foregoing claims, claim 1,~~ characterised in that the rings (11) are connected to the seal (7) by sections (12) and the rings (11) and the sections (12) are made with a diameter (d) smaller than, or are thinner than, the diameter

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or the thickness (D) of the seal 7, so that they do not interfere with seal 7 compression.

10. (cancelled)

11. (currently amended) The electric motor and method for assembly of the motor according to ~~the foregoing claims~~, claim 1, as described and illustrated with reference to the accompanying drawings and for the above-mentioned aims.